

L Number	Hits	Search Text	DB	Time stamp
1	139	548/149	USPAT	2004/09/29 09:05

 **PALM INTRANET**

Day : Wednesday

Date: 9/29/2004

Time: 08:45:49

Inventor Information for 10/631810

Inventor Name	City	State/Country
KOBAYASHI, KATSUMI	KANAGAWA	JAPAN
KATOH, TAKASHI	KANAGAWA	JAPAN
NISHIGAKI, JUNJI	KANAGAWA	JAPAN

Appln Info

Contents

Petition Info

Atty/Agent Info

Continuity Data

Foreign Data

Search Another: Application#

Search

or Patent#

Search

PCT / /

Search

or PG PUBS #

Search

Attorney Docket #

Search

Bar Code #

Search

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 13:21:11 ON 29 SEP 2004
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STRUCTURE FILE UPDATES: 28 SEP 2004 HIGHEST RN 753424-73-6
DICTIONARY FILE UPDATES: 28 SEP 2004 HIGHEST RN 753424-73-6

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

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<http://www.cas.org/ONLINE/DBSS/registryss.html>

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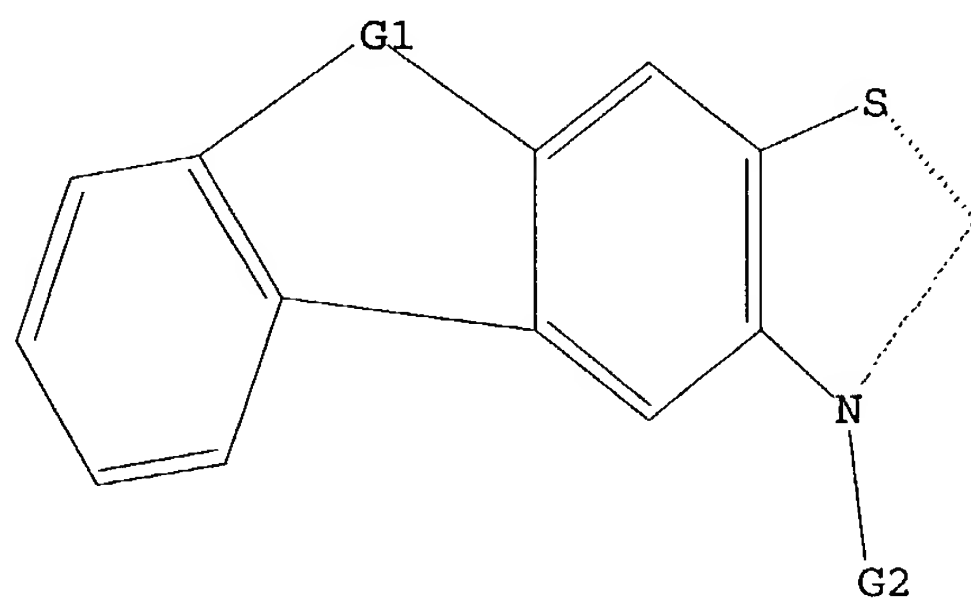
Uploading C:\Program Files\Stnexp\Queries\10631810ba.str

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 O,S

G2 Cb,Ak

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 13:21:33 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 5 TO ITERATE

100.0% PROCESSED 5 ITERATIONS
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 5 TO 234
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 sss full
FULL SEARCH INITIATED 13:21:39 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 129 TO ITERATE

100.0% PROCESSED 129 ITERATIONS
SEARCH TIME: 00.00.01

4 ANSWERS

L3 4 SEA SSS FUL L1

=> s 13

L4 2 L3

=> d ibib abs hitstr tot

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2000:741256 CAPLUS

DOCUMENT NUMBER: 133:323970

TITLE: Photoelectric converters and photoelectrochemical cells

INVENTOR(S): Kobayashi, Suguru

PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 26 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000294303	A2	20001020	JP 1999-96201	19990402
PRIORITY APPLN. INFO.:			JP 1999-96201	19990402

OTHER SOURCE(S): MARPAT 133:323970

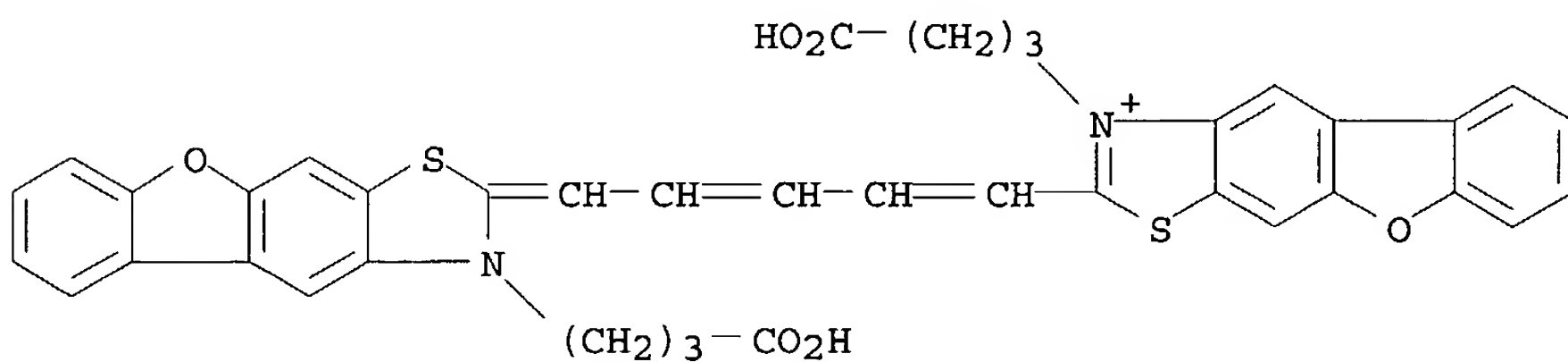
AB The photoelec. converters use semiconductor particles sensitized with ≥ 1 cyanine dye having specified structure.

IT 303158-32-9

RL: MOA (Modifier or additive use); USES (Uses)
(methine pigments for semiconductor particles for photoelectrochem. cells)

RN 303158-32-9 CAPLUS

CN Benzofuro[3,2-f]benzothiazolium, 1-(3-carboxypropyl)-2-[5-[1-(3-carboxypropyl)benzofuro[3,2-f]benzothiazol-2(1H)-ylidene]-1,3-pentadienyl]-, bromide (9CI) (CA INDEX NAME)



L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2000:705327 CAPLUS

DOCUMENT NUMBER: 133:288782

TITLE: Methine compound, silver halide emulsion, and silver halide photographic material

INVENTOR(S): Kobayashi, Masaru; Kato, Takashi

PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 49 pp.

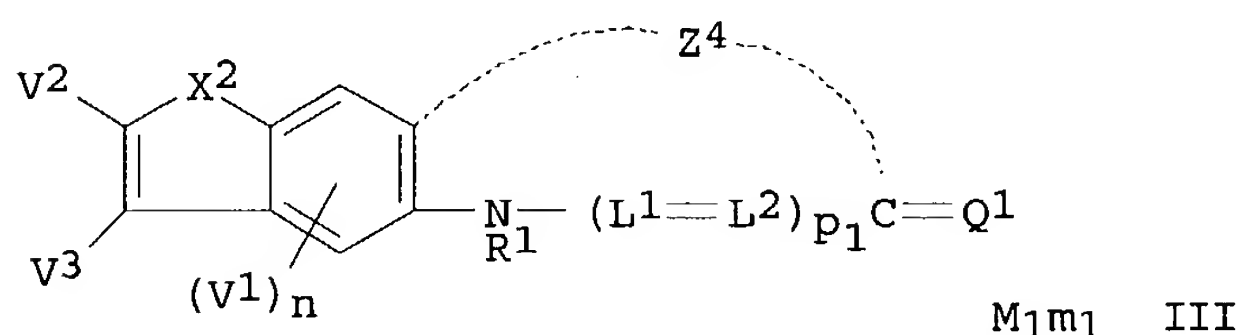
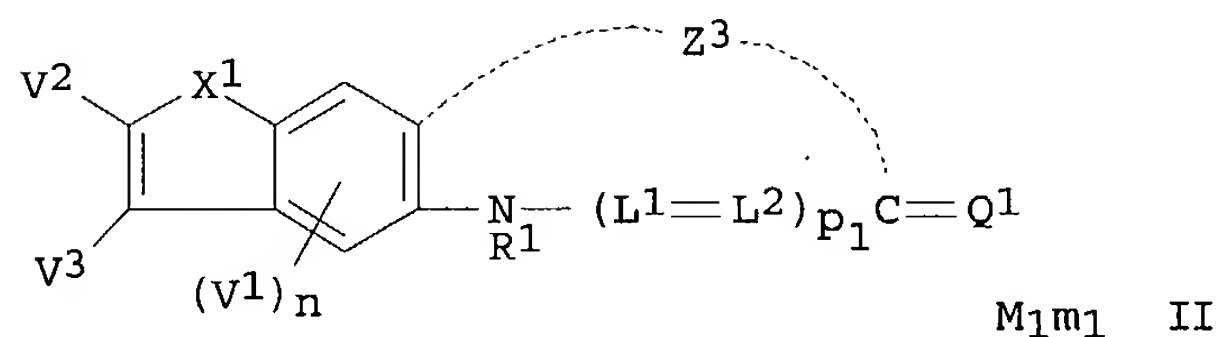
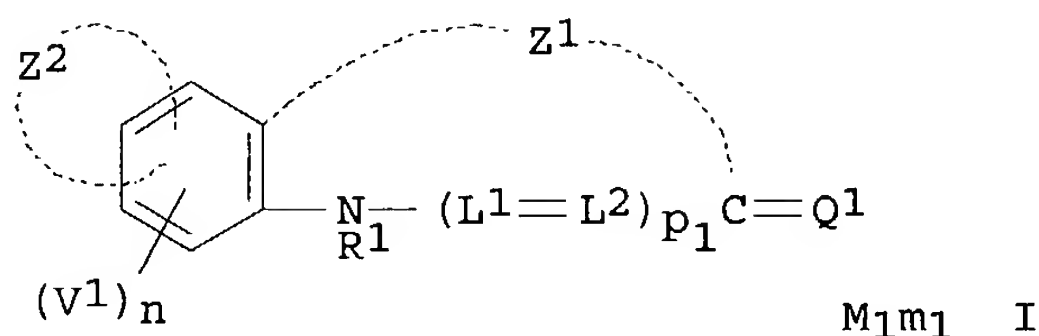
DOCUMENT TYPE: CODEN: JKXXAF
 LANGUAGE: Patent
 FAMILY ACC. NUM. COUNT: 2 Japanese
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000275776	A2	20001006	JP 1999-80141	19990324
US 6333146	B1	20011225	US 2000-522852	20000310
US 2002076666	A1	20020620	US 2001-985060	20011101
US 6667405	B2	20031223		
US 2004063962	A1	20040401	US 2003-631810	20030801

PRIORITY APPLN. INFO.:

JP 1999-63588	A	19990310
JP 1999-80141	A	19990324
US 2000-522852	A3	20000310
US 2001-985060	A3	20011101

OTHER SOURCE(S): MARPAT 133:288782
 GI



AB The title methine compound has the general formula I [Z1 = atoms required to form a 5- or 6-membered N-containing heterocycle; Z2 = atoms required to condense with the benzene ring to form a 5- or 6-membered heterocycle, the heterocycle may be condensed at any position on the benzene ring and may be further substituted and condensed with other ring; Q1 = group required for the compound to form a methine dye; R1 = alkyl having aryl or heterocyclic groups as substituents, aryl, heterocyclic group; L1, L2 = methine; p1 = 0 or 1; M1 = counter ion; m1 = 0-10; V1 = substituent; n = 0-2]. The Ag halide emulsion contains ≥ 1 compound I, II or III [X1 = O, S; X2 = NR₄ (R₄ = H, substituent); Z3, Z4 = atoms required to form a 5- or 6- membered N-containing heterocycle, Z4 contains no S atom; V2, V3 = H,

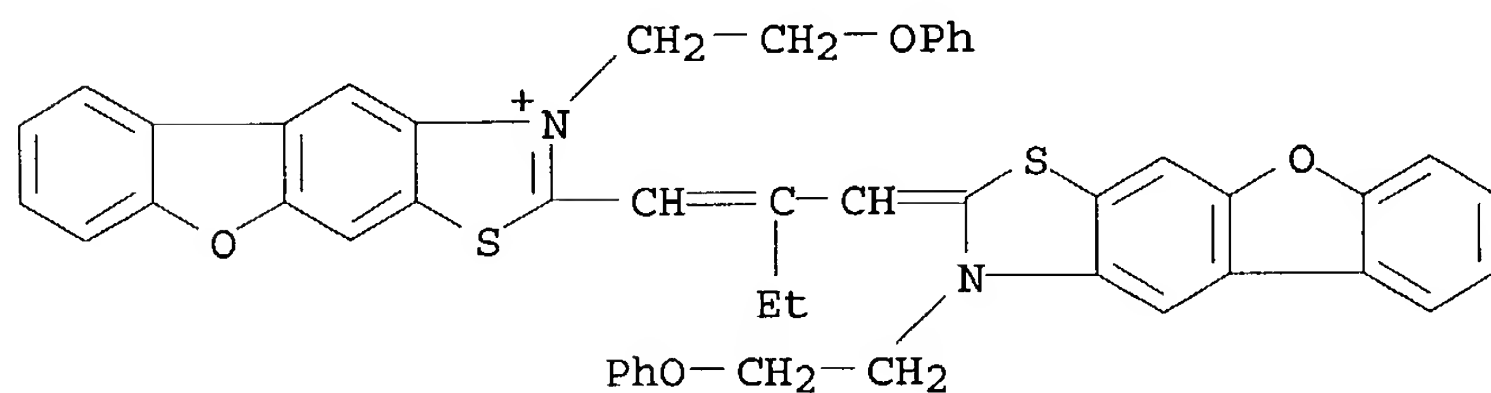
substituent, V2 and V3 may form a condensed ring; R1, L1, L2, p1, Q1, M1, m1, V1, and n are each the same as defined above for formula I] or 2 types of the compds. of the formula I. The photog. material possesses ≥ 1 layer comprising the emulsion. The photog. material shows high sensitivity.

IT 299939-22-3 299939-28-9

RL: DEV (Device component use); USES (Uses)
(methine dye photog. sensitizer)

RN 299939-22-3 CAPLUS

CN Benzofuro[3,2-f]benzothiazolium, 1-(2-phenoxyethyl)-2-[2-[[1-(2-phenoxyethyl)benzofuro[3,2-f]benzothiazol-2(1H)-ylidene]methyl]-1-butenyl]-, bromide (9CI) (CA INDEX NAME)



● Br⁻

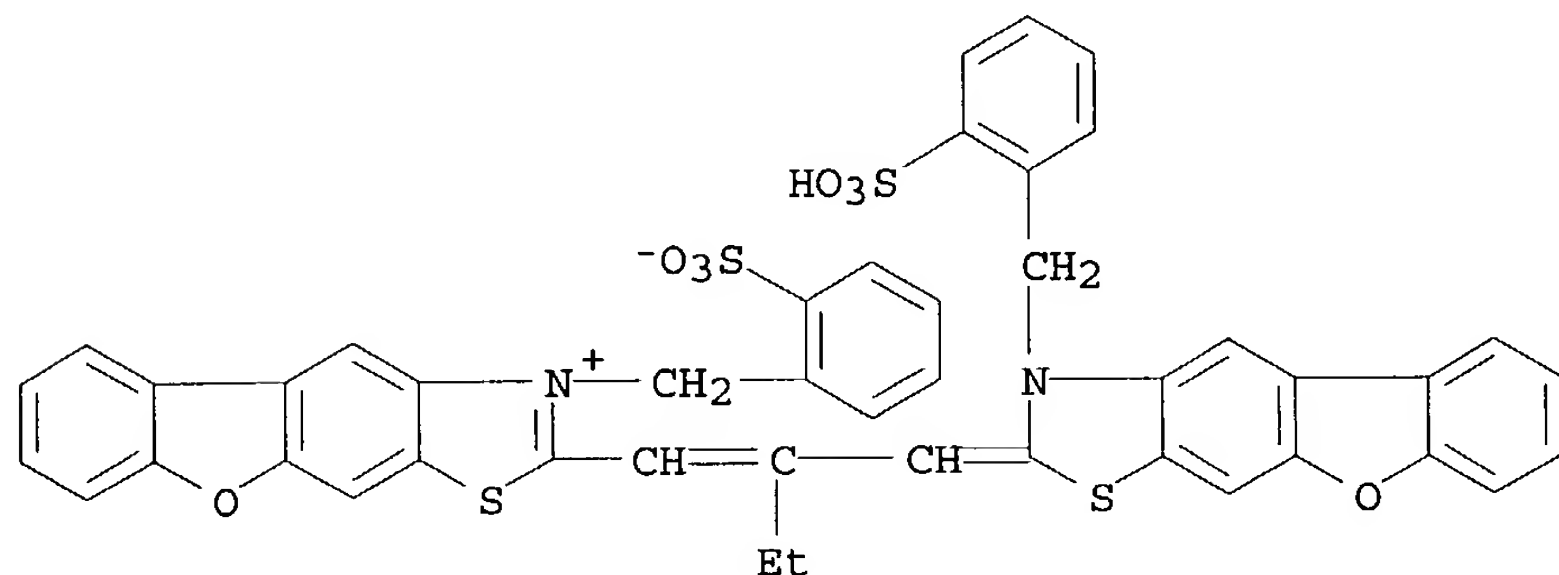
RN 299939-28-9 CAPLUS

CN Benzofuro[3,2-f]benzothiazolium, 1-[(2-sulfophenyl)methyl]-2-[2-[[1-[(2-sulfophenyl)methyl]benzofuro[3,2-f]benzothiazol-2(1H)-ylidene]methyl]-1-butenyl]-, inner salt, compd. with N,N-diethylethanamine (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 299939-27-8

CMF C45 H32 N2 O8 S4



CM 2

CRN 121-44-8

CMF C6 H15 N

Et
|
Et-N-Et

=> log y

COST IN U.S. DOLLARS

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

CA SUBSCRIBER PRICE

SINCE FILE
ENTRY

9.96

SINCE FILE
ENTRY

-1.40

TOTAL
SESSION

166.01

TOTAL
SESSION

-1.40

STN INTERNATIONAL LOGOFF AT 13:23:00 ON 29 SEP 2004

(2)

=> file reg

COST IN U.S. DOLLARS

SINCE FILE
ENTRYTOTAL
SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 13:19:11 ON 29 SEP 2004

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<http://www.cas.org/ONLINE/DBSS/registryss.html>

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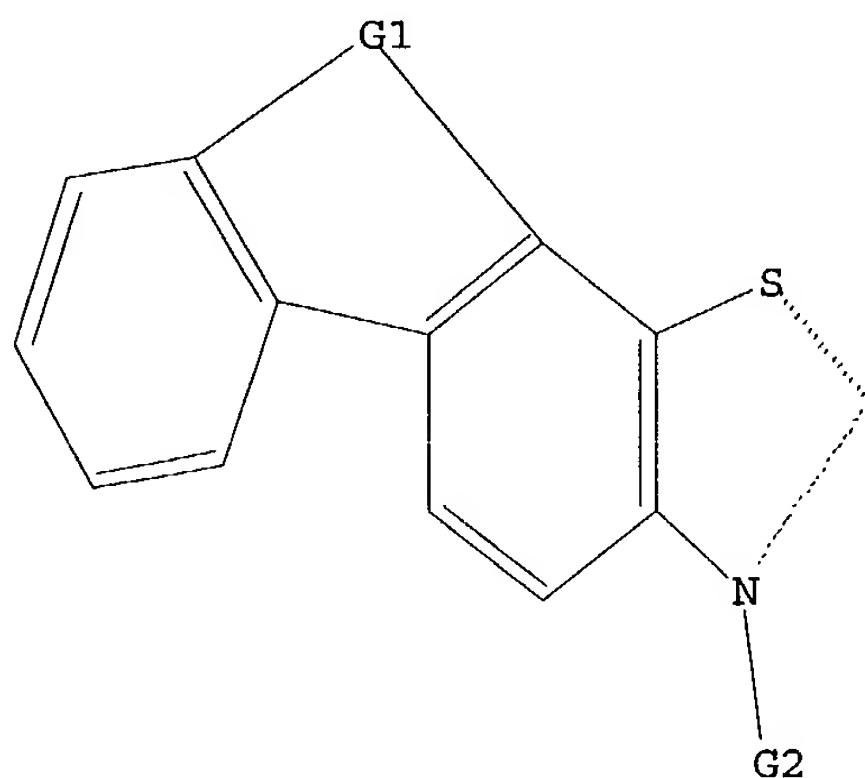
Uploading C:\Program Files\Stnexp\Queries\10631810ccc.str

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 O,S

G2 Cb,Ak

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 13:19:31 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 7 TO ITERATE

100.0% PROCESSED 7 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 7 TO 298
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 sss full

FULL SEARCH INITIATED 13:19:38 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 95 TO ITERATE

100.0% PROCESSED 95 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L3 0 SEA SSS FUL L1

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	155.42	155.63

STN INTERNATIONAL LOGOFF AT 13:19:46 ON 29 SEP 2004